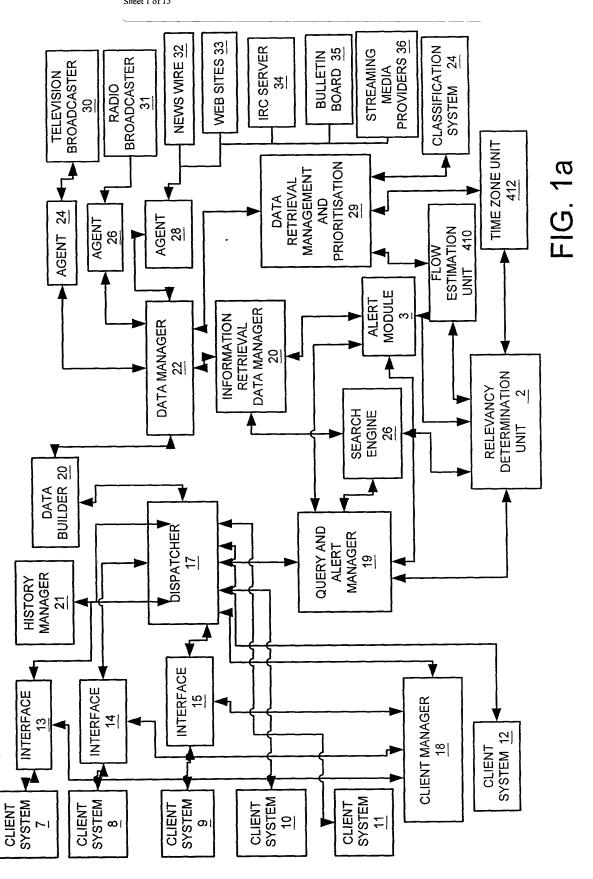
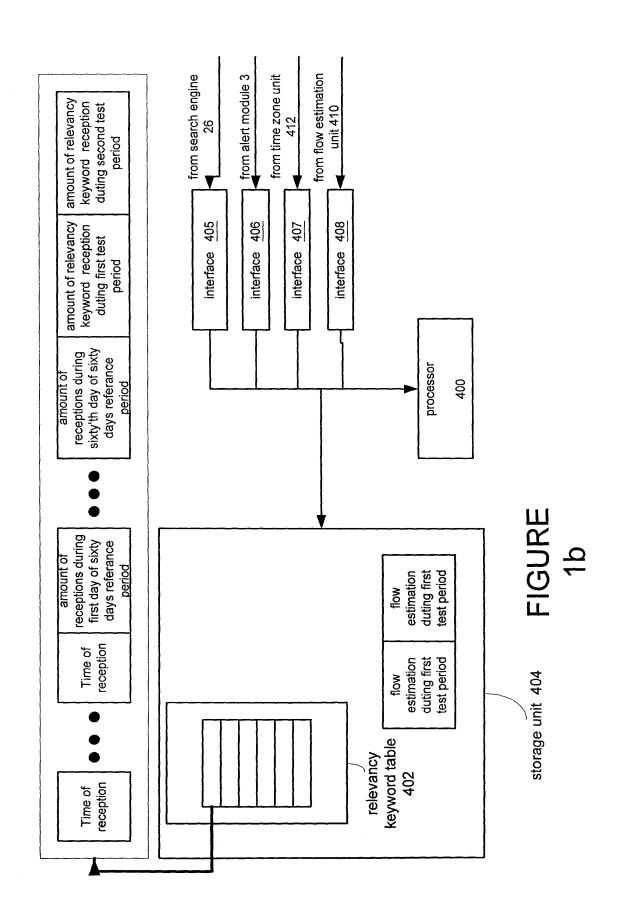
Inventor: Boaz JASCHEK
Docket No.: 13312.14US01
Title: REAL TIME RELEVANCY DETERMINATION SYSTEM AND A METHOD FOR
CALCULATING RELEVANCY OF REAL TIME INFORMATION

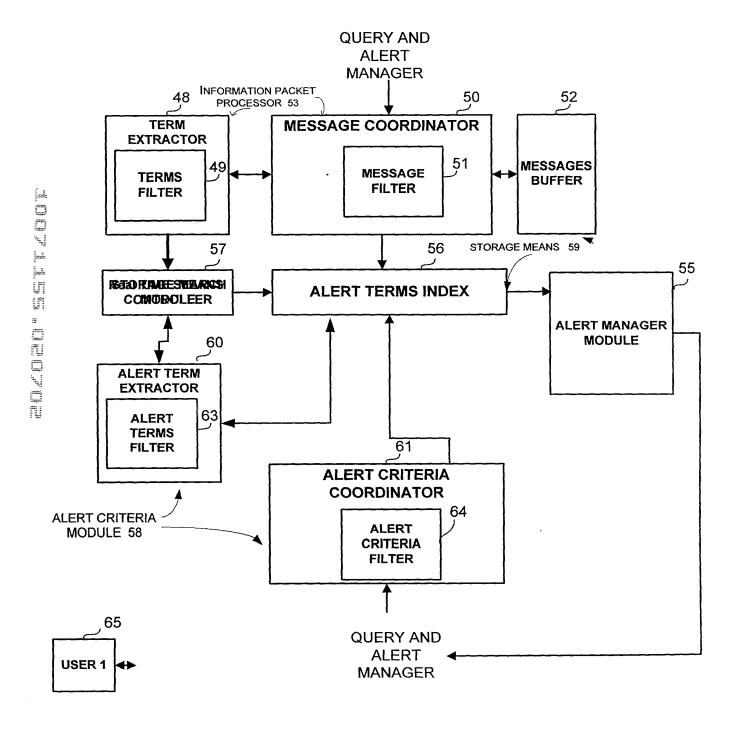
Attorney Name: Gregory A Sebald Phone No.: 612.336 4728 Sheet 1 of 13



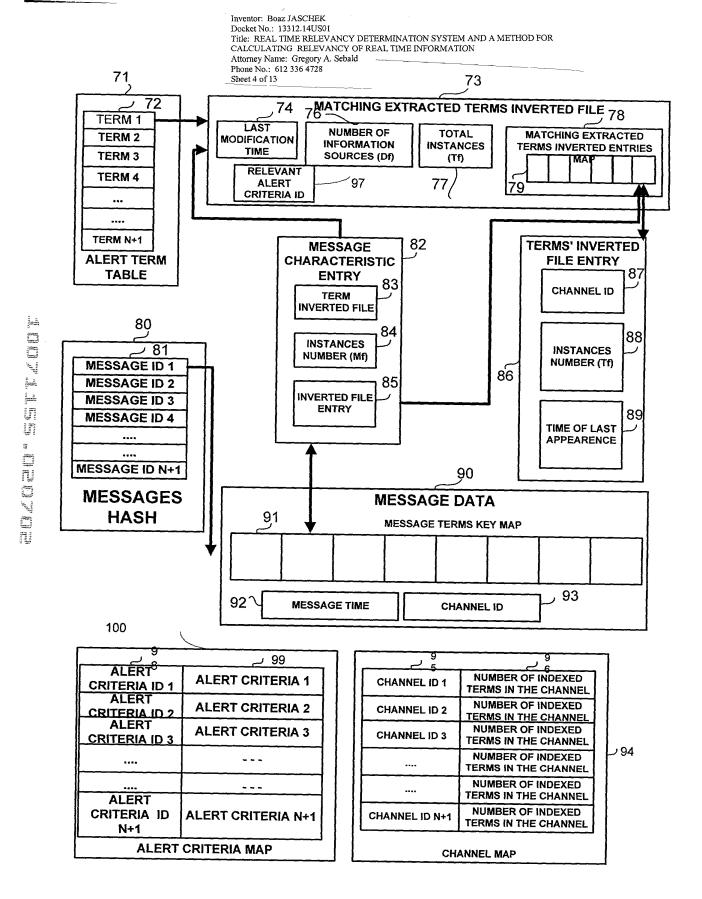
Inventor: Boaz JASCHEK
Docket No: 13312.14US01
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Attorney Name: Gregory A. Sebald
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Phone No: 612 336.4728
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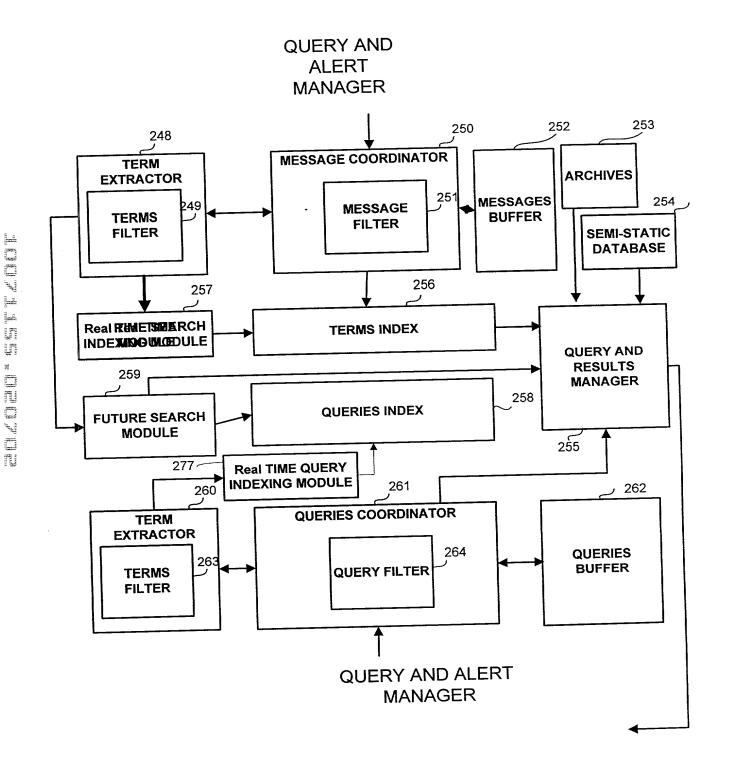


ALERT MODULE FIG. 2



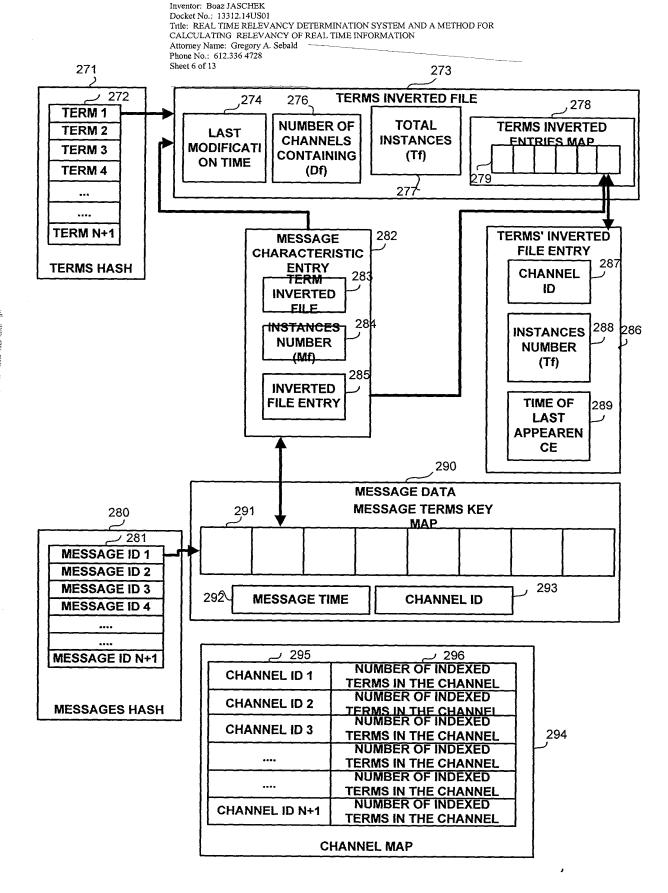
THE ALERT INDEX FIG. 3

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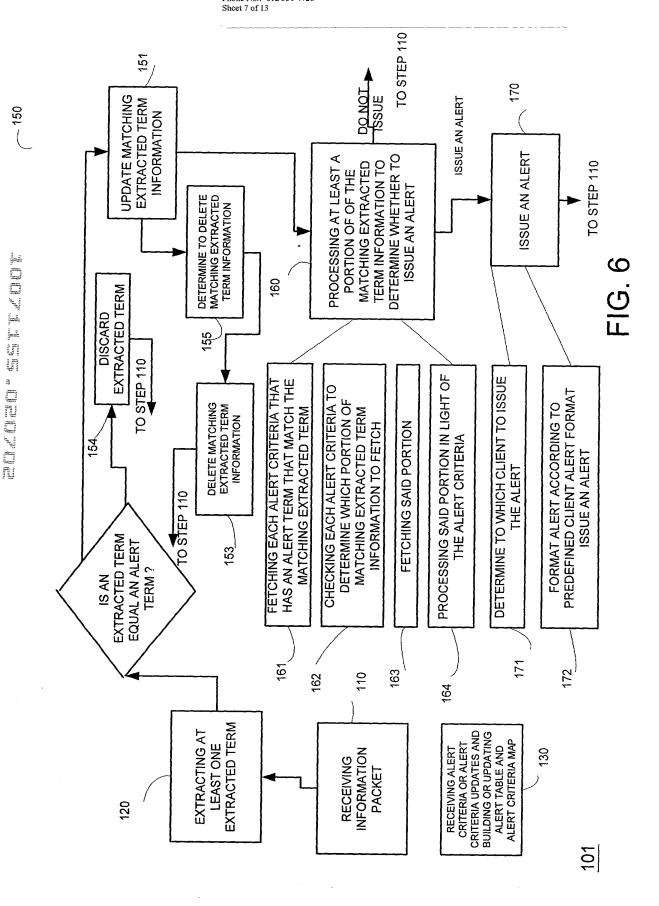
**SEARCH ENGINE** 

FIG. 4



THE TERMS INDEX

FIG. 5



Sheet 8 of 13 RECEIVING AN REQUEST 131 TO UPDATE / CREATE AN 133 ALERT CRITERIA FROM A **CLIENT SYSTEM AND** PROCESSING SAID PARSING AND REQUEST STEMMING THE CLIENT REQUEST TO PROVIDE ALERT TERMS AND 132 ADDITIONAL TERMS FILTERING REQUEST PROCESSING THE ALERT TERMS AND ADDITIONAL TERMS 135 1361 136 DISCARDING TERMS **FILTERING** CONSTRUCTED OF ONE LETTER **QUERY** WORD TERMS AND **ADDITIONAL TERMS** DISCARDING TERMS 1362 CONSTRUCTED OF FREQUENTLY USED WORDS 137 **DISCARDING TERMS** 1363 **UPDATING** CONSTRUCTED OF STOP -ALERT TERM WORDS TABLE AND **ALERT** CRITERIA MAP DISCARDING TERMS 1364 CONSTRUCTED OF PREDEFINED WORDS

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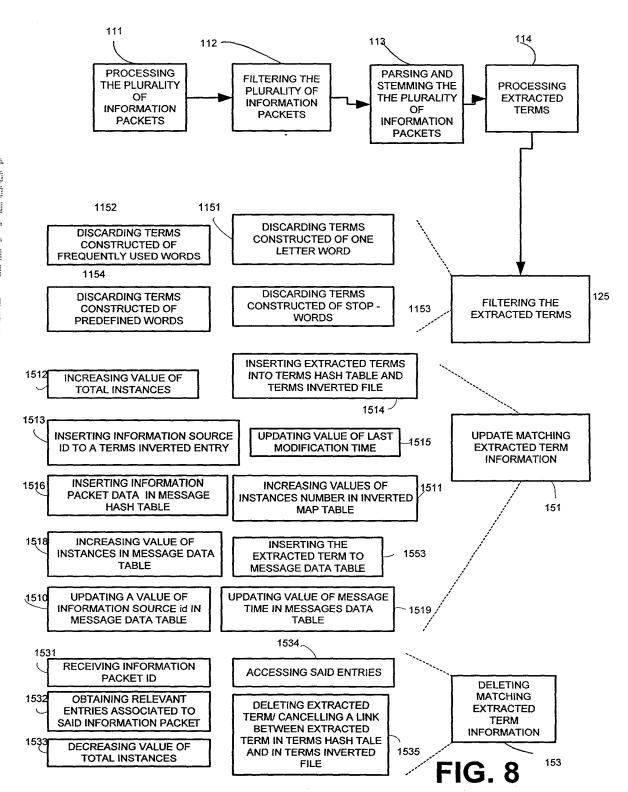
Inventor: Boaz JASCHEK Docket No: 13312.14US01

Attorney Name: Gregory A. Sebald Phone No: 612.336.4728

FIG. 7

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Docket No.. 13312.14US01
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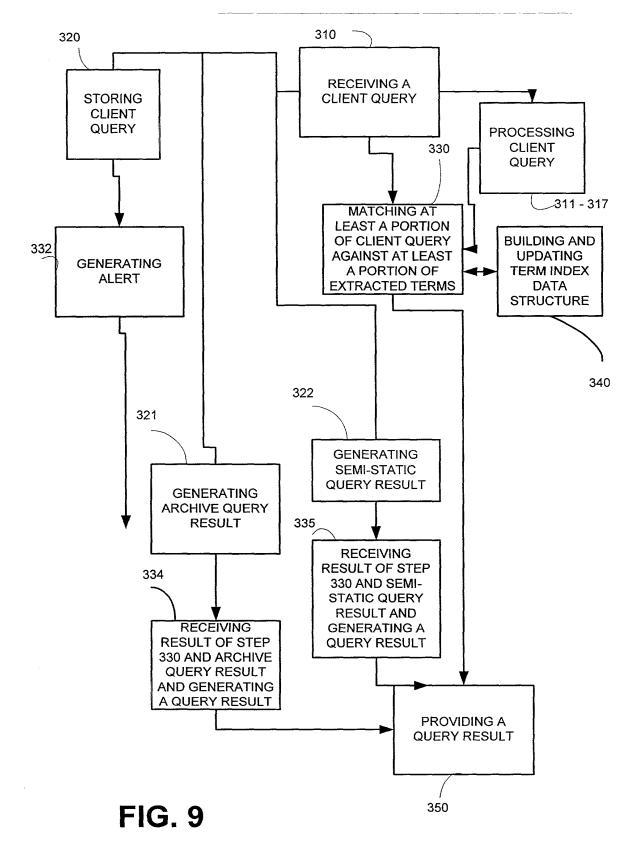


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CALCULATING RELEVANCY OF REAL TIME INFORMATION Attorney Name: Gregory A. Sebald Phone No. 612 336.4728 Sheet 11 of 13 PROCESSING CLIENT QUERY 311 FILTERING CLIENT QUERY PARSING AND 312 STEMMING THE CLIENT QUERY TO PROVIDE 314 QUERY TERMS 313 **INSERTING CLIENT** PROCESSING THE QUERY-INTO QUERY QUERY TERMS **BUFFER** 315 3161 **DISCARDING TERMS** CONSTRUCTED OF ONE 316 **FILTERING** LETTER WORD CLIENT QUERY DISCARDING TERMS CONSTRUCTED OF 3162 FREQUENTLY USED WORDS INSERTING 317 3163 **DISCARDING TERMS** CLIENT CONSTRUCTED OF STOP -**QUERY** WORDS INTO **QUERY BUFFER** 3164 DISCARDING TERMS CONSTRUCTED OF PREDEFINED WORDS

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**FIG. 10** 

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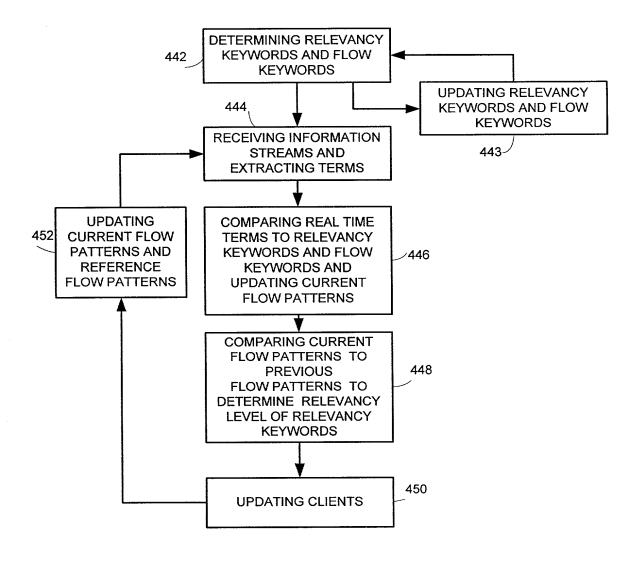
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FIG. 11

